

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 7

ATTY. DOCKET NO.

HA719f

APPLICATION NO. 10/673,100

herewith

APPLICANT

MURUGESAN ET AL.

FILING DATE

herein 9/26/08

Group
1b24JC714 U.S. PTO
09/73/201

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,256,654	10/26/93	Ellinboe et al.			
	AB	5,250,548	10/5/93	Winn et al.			
	AC	5,147,040	10/20/92	Greenlee et al.			
	AD	5,196,444	3/23/93	Naka et al.			
	AE	5,198,439	3/30/93	Roberts et al.			
	AF	5,210,079	5/11/93	Carini et al.			
	AG	5,210,206	5/11/93	Morton et al.			
	AH	5,223,499	6/29/93	Greenlee et al.			
	AI	5,157,026	10/20/92	Chakravarty et al.			
	AJ	5,270,317	12/14/93	Bernhart et al.			
	AK	5,284,954	2/8/94	Wittenberger et al.			
✓	AL	5,130,318	7/14/92	Roberts et al.			

FOREIGN PATENT DOCUMENTS

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VR	AM	DE19738578A1	3/11/99	German			<input type="checkbox"/>	<input type="checkbox"/>
	AN	DE19742717A1	4/1/99	German			<input type="checkbox"/>	<input type="checkbox"/>
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	AP	EP0454511BI	10/30/91	Europe			<input type="checkbox"/>	<input type="checkbox"/>
✓	AQ	0634175A1	1/18/95	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

VR	AR	Murugesan et al., J. Med. Chem., (1998), 41, pp. 5198 - 5218
	AS	Chan et al., Bioorganic & Medicinal Chemistry 6 (1998), pp. 2301 - 2316
✓	AT	Dascal et al., FEBS Letters 423 (1998) pp. 15 - 18.

EXAMINER

Murugesan

DATE CONSIDERED

7/6/04

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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MURUGESAN ET AL.

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Group

1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,138,069	8/11/92	Carini et al.			
	AB	5,149,699	9/12/92	Ellingsboe et al.			
	AC	5,153,197	10/6/92	Carini et al.			
	AD	5,155,117	10/13/92	Reitz			
	AE	5,155,118	10/13/92	Carini et al.			
	AF	6,080,774	6/27/00	Murugesan et al.			
	AG	5,102,880	4/7/92	Chakravarty et al.			
	AH	5,126,342	6/30/92	Chakravarty et al.			
	AI	5,128,355	7/7/92	Carini et al.			
	AJ	5,674,883	10/7/97	Fortin et al.			
	AK	5,696,116	12/9/97	Clozel et al.			
↓	AL	5,290,780	3/1/94	Venkatesan et al.			

FOREIGN PATENT DOCUMENTS

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↓	AQ	0453210A2	10/23/91	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

VR	AR	Morlock et al., Bioorganic & Medicinal Chemistry Letters, Vol. 7., No. 11, pp. 1399 - 1402 (1997)
VR	AS	Chan et al., Bioorganic & Medicinal Chemistry Letters, Vol. 6, No. 20, pp. 2393 - 2398 (1996)
VR	AT	Walsh et al. Bioorganic & Medicinal Chemistry Letters, Vol. 5, No. 11, pp. 1155 - 1158 (1995)

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DATE CONSIDERED

7/6/04

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Sheet 3 of 7

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MURUGESAN ET AL.

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Group 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,328,919	7/12/94	Naka et al.			
	AB	5,399,566	3/21/95	Katano et al.			
	AC	5,352,788	10/4/94	Bernhart et al.			
	AD	5,399,578	3/21/95	Buhlmayer et al.			
	AE	5,401,764	3/28/95	Naka et al.			
	AF	5,405,849	4/11/95	Venkatesan et al.			
	AG	5,409,947	4/25/95	Tomiyama et al.			
	AH	5,424,450	6/13/95	Boswell et al.			
	AI	5,444,071	8/22/95	Roberts et al.			
	AJ	5,498,776	3/12/96	Ellingboe et al.			
	AK	5,512,681	4/30/96	Boswell et al.			
	AL	5,514,696	5/7/96	Murugesan et al			

FOREIGN PATENT DOCUMENTS

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	AQ	EP0475206A2	3/18/92	Europe			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

VR	AR	Ashton et al., J. Med. Chem. (1994), 37, pp. 2808 - 2824
VR	AS	Wexler et al., Journal of Medicinal Chemistry, Vol. 39, 3, (1996) pp. 625 - 656
VR	AT	Webb et al, Medicinal Research Reviews, Vol. 17, No. 1, pp. 17 - 67 (1997)

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1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VS	AA	5,559,233	9/24/96	Bernhart et al.			
	AB	5,563,139	10/8/96	Reitz			
	AC	5,612,359	3/18/97	Murugesan			
	AD	5,668,137	9/16/97	Philips et al.			
	AE	5,703,110	12/30/97	Naka et al.			
	AF	5,705,517	1/6/98	Naka et al.			
	AG	5,760,038	6/2/98	Murugesan et al.			
	AH	5,780,473	7/14/98	Murugesan et al.			
	AI	5,846,985	12/8/98	Murugesan			
	AJ	5,965,732	10/12/99	Hunt			
	AK	5,668,137	9/16/97	Phillips et al.			
↓	AL	5,856,507	1/5/99	Polniaszek et al.			

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↓	AQ	WO94/07872	4/14/94	PCT			<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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Sheet 5 of 7

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
✓	AA	5,861,401	1/19/99	Bradbury			
	AB	5,939,446	8/17/99	Murugesan et al.			
	AC	5,962,491	10/5/99	Naka et al.			
	AD	5,965,592	10/12/99	Buhlmayer et al.			
	AE	6,004,989	12/21/99	Naka et al.			
	AF	6,043,265	3/28/00	Murugesan et al.			
	AG	5,602,153	2/11/97	Reitz			
	AH	5,571,821	11/6/96	Chan et al.			
	AI	5,332,744	7/26/94	Chakravarty et al.			
	AJ	5,354,867	10/11/94	Carini et al.			
	AK	5,411,980	5/2/95	Aston et al.			
↓	AL	5,846,990	12/8/98	Murugesan			

FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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FOREIGN PATENT DOCUMENTS

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DATE CONSIDERED

12/6/03 7/6/04

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10/673,100

9/26/03 Group 1624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DR	AA	5,378,715	1/3/95	Stein et al.			
	AB	5,827,869	10/27/98	Murugesan			
↓	AC	5,916,907	6/29/99	Bird			
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FOREIGN PATENT DOCUMENTS

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EXAMINER

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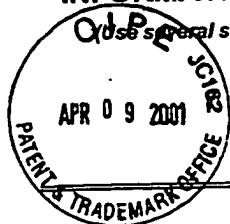
DATE CONSIDERED

7/6/04

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INFORMATION DISCLOSURE CITATION

Close several sheets if necessary



Sheet 1 of 1

ATTY. DOC. NO.

HA719f CIP

APPLICATION NO.

09/737,894

APPLICANT

MURUGESAN ET AL.

FILING DATE

DECEMBER 14, 2000

10/673,100

9/26/03

Group 1624

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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AE						TECH CENTER 1600/29
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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

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7/6/04

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FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION

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ATTY. DR. ET NO.
HA7191 CIP
APPLICATION NO.
09/737,294
APPLICANT
MURUGESAN ET AL.
FILING DATE
DECEMBER 14, 2000

Sheet 1 of 1

10/673,100

TECH CENTER Group 21624
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U.S. PATENT DOCUMENTS

INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VR	AA	5,260,328	11/9/93	Doria et al.			
VR	AB	5,554,625	9/10/96	Rivero et al			
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FOREIGN PATENT DOCUMENTS

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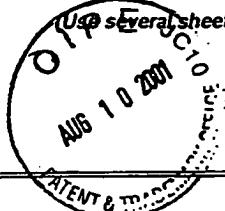
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DATE CONSIDERED

7/6/04

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MURUGESAN ET AL.
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
AA	4,880,804	11/14/89	Carini et al.			
AB						
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FOREIGN PATENT DOCUMENTS

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AN						<input type="checkbox"/> <input type="checkbox"/>
AO						<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

AP	Larsen et al, "Efficient Synthesis of Losartan, a Nonpeptide Angiotensin II Receptor Antagonist," Jnl of Org Chem., vol.59, no.21, 1994, pp 6391-6394
AQ	Rivero et al., "L-162, 389; a potent orally active angiotensin II receptor antagonist with blanace affinity to both AT1 and AT2 receptor subtypes; Biorg & Med Chem Ltrs., vol. 6 no. 3 , 1996, pp 307-310
AR	Weidmann, et al., "2-(2-Pyridylmethyl) sulfinyl]-1H-thieno[3,4-d]imidazoles. A Novel Class of gastric H+/K+ ATPase Inhibitors", J. Med. Chem., vol 35, no.3, 1992 pp 438-450
AS	Quan, et al., "Balanced AT1/AT2 Receptor Antagonists. 4.1,2 XR510 and Related 5-(3-Amidopropanoyl)imidazoles Possessing Equal Affinity for the AT12 and AT2 Receptors", J. Med. Chem., vol 38, no. 15, 1995, pp 2938-2945

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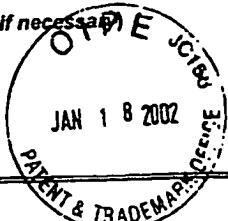
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FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
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Sheet 1 of 1

ATTY. DOCKET NO.
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09/772,894 10/673,100
APPLICANT
MURUGESAN ET AL.
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DECEMBER 14 2000

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Group 162

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
VA	AA	US5,240,928	8/31/93	Allen, et al.			
VA	AB	US5,371,226	12/6/94	Mederski			
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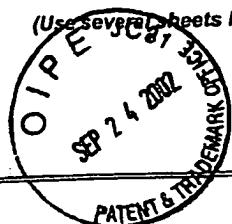
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Sheet 1 of 1
ATTY. DOCKET NO.

HA7191 CIP

APPLICATION NO.

09/709,601

APPLICANT

MURUGESAN ET AL.

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DECEMBER 11, 2000

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*	AM RU 96104545	10/6/98	RUSSIA			<input type="checkbox"/>	<input type="checkbox"/>
*	AN RU 93004661	6/19/95	RUSSIA			<input type="checkbox"/>	<input type="checkbox"/>
*	AO RU 96115359	10/12/98	RUSSIA			<input type="checkbox"/>	<input type="checkbox"/>
	AP					<input type="checkbox"/>	<input type="checkbox"/>
	AQ					<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	
	AS	
	AT	

EXAMINER

Chayek Negi B.

DATE CONSIDERED

12/1/03 9/6/04

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

* English equivalents considered.